

ABSTRACT OF THE DISCLOSURE

The present invention is a process for making polymeric particles by reacting an ethylenically unsaturated monomer as a dispersed phase suspended in an aqueous phase. The aqueous phase contains a water-insoluble particulate stabilizer having a size less than 100 nanometers in an effective amount of water-soluble inorganic salt to allow formation of stable monomer droplets in the aqueous phase, the monomer droplets include at least 20% of a carboxylic acid-containing monomer. The present invention also provides an imaging element comprising a support and at least one layer containing polymer particles of the formula: $(A)_x(B)_y$, where A is ethylenically unsaturated monomer containing carboxylic acid groups, B is a water-insoluble ethylenically unsaturated monomer, x is greater than 20% and y is equal to 100% minus x. The polymer particles are covered with a layer of water-insoluble solid particulate stabilizer having a size less than 100 nanometers.

09054602-040399
86E040-20945060